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Title	Some new and unrecorded Species of Pyralidæ from Corea (Lepid.)
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Citation	INSECTA MATSUMURANA, 2(2): 87-102
Issue Date	1927-11
Doc URL	http://hdl.handle.net/2115/9136
Right	
Type	bulletin
Additional Information	



Instructions for use

SOME NEW AND UNRECORDED SPECIES OF *PYRALIDÆ* FROM COREA (LEPID.)

By

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The introduction of the insects belonging to the family *Pyralidae* in Corea was first made by the late Mr. J. H. LEECH in 1889, viz. in the Entomologist vol. xxii, in which he described six new species, one new variety, and also enumerated four unrecorded species.

In 1901, Mr. R. SOUTH published Mr. LEECH's MS. of "*Lepidoptera, Heterocera* from China, Japan and Corea" in the Trans. Ent. Soc. of London, and in this paper Mr. LEECH gave eighty one unrecorded species, together with the descriptions of two new species described by Mr. SOUTH himself.

In 1917, Prof. Dr. S. MATSUMURA, in his Ôyo-konchugaku*, recorded three species from this country as injurious to honey, grains, rice, & etc.

In Dainippon-gaichuzensho**, published by Prof. Dr. MATSUMURA, another one unrecorded species was registered.

Dr. N. MARUMO published a "List of *Lepidoptera* of the Islands Tanegashima and Yakushima" in the Journ. Coll. Agr. Tokyo, Imp. Univ. vol. viii, no. 2, 1923, giving Corea as the locality of several species, two of which had apparently not been recorded from this country up to that time.

In 1924, Dr. H. OKAMOTO, in Bull. Agr. Exp. Stat. Gov.-Gen. Chosen, vol. I, pt. 2, added another six species from Quelpart Island as well as from Corea, to the *Pyralid*-fauna of this country.

Prince A. CARADJA published "UEBER CHINAS PYRALIDEN, TORTRICIDEN, TINEIDEN NEBST KURZE BETRACHTUNGEN, ZU DENEN DAS STUDIUM DIESER FAUNA VERANLASSUNG GIBT" in Acad. Romana, Mem. Sect. Stiint. iii (3), mem. 7, 1925, and in this paper he recorded two species from Corea, which are, as far as I am aware, new to this country.

In 1925, Prof. Dr. MATSUMURA enumerated two unrecorded species in his paper "An Enumeration of the Butterflies and Moths from Saghalien, with Descriptions of new Species and new Subspecies" published in the Journ. Coll. Agr. Hokkaido Imp. Univ. vol. xv, pt. 3.

*Applied Entomology, Tokyo, 1917.

**The injurious Insects of the Japanese Empire, Tokyo, 1920.

It can now be seen that sixteen species have been recorded from Korea since the publication of the late Mr. LEECH's Catalogue of Lepid. Het. from China, Japan and Korea, thereby making known to us as existing in this country, up to the present time, one hundred and nine species with one variety.

In 1924 I was presented with a great number of specimens of the family, for my investigation by Dr. H. OKAMOTO, who was at that time serving as an Entomologist in the Experiment Station of Agriculture at Suigen, Korea. These specimens were mostly taken by Dr. OKAMOTO himself at Suigen, but some were captured by Messrs. Y. HASEGAWA, T. KURISUE and S. MARUTA in the different parts of the country, between the year 1920 and 1923.

In 1922, Messrs. T. UCHIDA and S. TAKANO travelled throughout Korea with the purpose of collecting insects, and obtained a great number of Lepidopterous specimens. I have also received some Korean specimens from Mr. S. HIRAYAMA.

The total number of species enumerated in this paper is forty four, forty one of which have apparently not hitherto been recorded by any author as occurring in Korea, and three, are described here for the first time as new species, or variety.

The present record therefore makes an interesting addition to the Korean *Pyralid*-fauna, but it is by no means final, as there are many parts in this country to which no one has yet travelled for the purpose of collecting insects, and probably many new or unrecorded species are to be found there.

In concluding, I wish to tender my cordial thanks to Prof. Dr. S. MATSUMURA and Dr. H. OKAMOTO for the kindness that I have received from them during the course of the present investigation.

PYRALIDÆ

CRAMBINÆ

1. *Crambus infixellus* Wlk.

Crambus infixellus WALKER. Cat. Lep. Het. B. M. XXVII, p. 167 (1863).

I have a single male specimen which was taken at Suigen on October 5, 1922, by Dr. H. OKAMOTO.

Loc. Distr.—Suigen.

Gen. Distr.—China; Korea; Japan.

Nom. Jap.—*Mayejiro-tsutoga*.

2. *Crambus columbinellus* SOUTH

Crambus columbinellus SOUTH, Trans. Ent. Soc. Lond. p. 390, pl. XIV, f.

25 (1901).

There is a single male Korean specimen in the collection of the British Museum, taken at Gensan in July, 1887, by Mr. J. H. LEECH.

Loc. Distr.—Gensan.

Gen. Distr.—China; Corea.

Nom. Jap.—*Kurofutaobi-tsutoga*.

3. *Crambus argyrophorus* BUTL. var. *coreanus* var. nov.

♂. Palpi white, fuscous at sides. Head and thorax white, at sides of the latter fuscous. Fore wing silvery white, with a moderately broad fuscous fascia at below the median nervure, extending well beyond the cell; a very narrow fuscous line from the middle of costa, being very strongly oblique along the costa outwardly, connected with the fuscous fascia beyond the cell; two parallel submarginal fuscous lines, excurved at above the middle; a triangular fuscous patch at apex; a series of short black striae between veins 5 and 2 at just inner side of the margin; terminal line fuscous; cilia white, slightly tinged with pale fuscous at the outer half. Hind wing pale fuscous, basal and inner areas paler; cilia white. Under surface of the fore wing fuscous; the hind wing as that of the upper surface. Pectus and legs white. Exp. 18 mm.

A single male specimen was obtained at Suigen on August 21, 1923, by Dr. H. OKAMOTO.

This variety differs from the typical species in the following points:—

1. Fore wing without a broad, fuscous costal fascia.
2. Fore wing with dorsal area silvery white instead of being suffused with fuscous.

Loc. Distr.—Suigen.

Gen. Distr.—Corea.

4. *Crambus striatellus* LEECH

Crambus striatellus LEECH, Entom. XXII, p. 107, pl. V, f. 3 (1889).

I saw one Korean specimen of this species in the collection of the British Museum, which was collected at Fusan in June, 1886, by Mr. J. H. LEECH.

Loc. Distr.—Fusan.

Gen. Distr.—Corea; Japan.

Nom. Jap.—*Kurosuji-tsutoga*.

This species may be easily distinguished from *Crambus hortuellus* HBN. by the fore wing with the apex being yellowish, and the black streaks on veins 4, 5 and 6 extending beyond the postmedial line and reached to the termen.

5. *Crambus furciferalis* HMPSN.

Crambus furciferalis HAMPSON, Trans. Ent. Soc. Lond. p. 371, pl. III, f. 17 (1900).

One female specimen was captured at Yûkirei on the 7th of August, 1922, by Dr. H. OKAMOTO.

Loc. Distr.—Yûkirei.

Gen. Distr.—China; Corea.

Nom. Jap.—*Chosen-matsu-tsutoga*.

6. *Argyria ornatella* LEECH

Crambus ornatellus LEECH, Entom. XXII, p. 106, pl. V, f. 2 (1889).

Mr. Y. HASEGAWA obtained a single male specimen on August 18, 1921, at Shakuôji.

Loc. Distr.—Shakuôji.

Gen. Distr.—Ussuri; Corea, Japan.

Nom. Jap.—*Nagahama-tsutoga*.

SCHOENOBIIINÆ

7. *Scirpophaga praelata* SCOP.

Phalaena praelata SCOPOLI, Ent. Carn. p. 198 (1763).

Tinea phantasmata HÜBNER, Smml. Eur. Schmett. Tin. p. 23, pl. 8, f. 56 (1796).

Scirpophaga praelata WALKER, Cat. Lep. Het. B. M. XXVII, p. 145 (1863).

I have a single female specimen taken at Suigen on the 22nd of July, 1922, by Dr. H. OKAMOTO.

Loc. Distr.—Suigen.

Gen. Distr.—Europe; Corea; Japan.

Nom. Jap.—*Mumon-shiro-ômeiga*.

8. *Schoenobius hasegawai* sp. nov.

♂. Palpi, head and thorax ochraceous. Antenna paler. Fore wing very narrow, the costa evenly arched, the termen very oblique; colour ochraceous, at the costal area fuscous; a fuscous speck at the lower angle of cell; a very inwardly oblique line from the apex to vein 3; a small fuscous speck at below the origin of vein 2; another one on the median nervure beyond the middle; a terminal series of black spots; cilia ochraceous. Hind wing also very narrow; silvery white; cilia concolorous. Abdomen white, slightly tinged with ochraceous at basal half except the basal three segments; anal tuft whitish, very

slightly tinged with brown. Under surface of the fore wing pale yellowish white, without markings; hind wing as that of the upper surface. Pectus white. Legs yellowish white, tarsi slightly suffused with fuscous except the extremity of each joint. Exp. 25 mm.

A single male specimen was taken at Shakuôji on the 10th of August, 1921, by Mr. Y. HASEGAWA.

This species is very closely related to *S. dodatellus* Wlk. but this may be easily distinguishable from it by the narrower wing with the termen being very oblique, and the costal area of the fore wing being fuscous.

Loc. Distr.—Shakuôji.

Gen. Distr.—Corea.

Nom. Jap.—*Hasegawa-ômeiga*.

9. *Schoenobius gigantellus* SCHIFF. et DEN.

Tinea gigantella SCHIFFERMÜLLER & DENIS, Syst. Schmett. Wien, p. 135 (1775).

Schoenobius gigantellus DUPONCHEL, Hist. Nat. Lep. Fr. X, pp. 8, 24 (1836).

Chilo gigantellus WALKER, Cat. Lep. Het. B. M. XXVII, p. 139 (1863).

Chilo spurcatellus WALKER, l. c. p. 142 (1863).

One male specimen was obtained at Suigen on June 22, 1922, by Dr. H. OKAMOTO.

Loc. Distr.—Suigen.

Gen. Distr.—Europe; China; Corea.

Nom. Jap.—*Kurofu-ki-ômeiga*.

10. *Neoschoenobia decoloralis* HMPSN.

Neoschoenobia decoloralis HAMPSON, Ann. Mag. Nat. Hist. (9), IV, p. 309 (1919).

A single male specimen was taken at Suigen on the 14th of September, 1922, by Dr. H. OKAMOTO.

Loc. Distr.—Suigen.

Gen. Distr.—N. China; Corea.

Nom. Jap.—*Yanagawa-tsutoga*.

PHYCITINÆ

11. *Euzophera bigella* ZELL.

Ephestia bigella ZELLER, Isis, p. 596 (1848).

Homoeosoma bigella HERRICH-SCHAEFFER, Syst. Schmett. Eur. IV, p. 105 (1849).

Homoesoma stenoptycha HERRICH-SCHAEFFER, l. c. V, pl. 18, f. 127 (1848).

Ephestia egeriella MILLIERE, Icon. III, p. 328, pl. 141, ff. 4, 5 (1873).

Euzophela bigella HAMPSON, Rom. Mem. VIII, p. 64 (1901).

One male specimen of this species was captured at Suigen on the 5th of October, 1922, by Dr. H. OKAMOTO.

Loc. Distr.—Suigen.

Gen. Distr.—Europe; Corea; Japan.

Nom. Jap.—*Futamom-madaramaiga*.

12. *Dioryctria abietella* SCHIFF. et DEN.

Tinea abietella SCHIFFERMÜLLER & DENIS, Syst. Schmett. Wien, p. 138 (1775).

Tinea decuriella HÜBNER, Smml. Eur. Schmett. Tin. p. 35, pl. 11, f. 74 (1796).

Phycita abietella STEPHENS, Syst. Cat. Brit. Ins. II, p. 216 (1829).

Nephopteyrx abietella ZELLER, Isis, p. 179 (1839).

Tinea sylvestrella RATZEBURG, Forst.-Ins. p. 244, pl. 15, f. 1 (1840).

Dioryctria abietella ZELLER, l. c. pp. 732, 736 (1846).

Pinipestis abietivorella GROTE, Bull. U. S. Geol. Surv. Terr. IV, p. 701 (1878).

I have two male specimens, one at Suigen on April 6, 1922, by Dr. H. OKAMOTO, and the other one at Gesseiji, on the 15th of September, 1923, by Mr. S. MARUTA.

Loc. Distr.—Suigen; Gesseiji.

Gen. Distr.—U. S. A.; Europe; Siberia; India; Corea; Japan.

Nom. Jap.—*Matsuno-madaramaiga*.

13. *Dioryctria incertella* WLMN.

Rhodophaea incertella WILEMAN, Trans. Ent. Soc. Lond. p. 362 (1911).

A single male specimen was taken at Suigen by Dr. H. OKAMOTO, but the date of capture is unknown.

Loc. Distr.—Suigen.

Gen. Distr.—Corea; Japan.

Nom. Jap.—*Hime-matsu-madara-meiga*.

14. *Eurhodope hollandella* RAG.

Eurhodope (Rhodophaea) hollandella RAGONOT, Rom. Mem. VII, p. 70 (1893); id., l. c. VIII, pl. 43, f. 1 (1901).

Rhodophaea hollandella LEECH, Trans. Ent. Soc. Lond. p. 412 (1901).

Dr. H. OKAMOTO obtained a single male specimen on October 6, 1922,

at Suigen.

Loc. Distr.—Suigen.

Gen. Distr.—Corea; Japan.

Nom. Jap.—*Tobihiro-madaramaiga*.

EPIPASCHIINÆ

15. *Macalla elegans* BUTL.

Locastra elegans BUTLER, Trans. Ent. Soc. Lond. p. 581 (1881).

Macalla elegans STAUDINGER & REBEL, Cat. Lep. Palaerc. II, p. 258 (1901).

Two male and one female specimens were taken in Corea, one of the male at Suigen on the 6th of October, 1922, by Dr. H. OKAMOTO, and the rest at Shakuôji on July 23, 1922, by Messrs. T. UCHIDA and T. TAKANO.

Loc. Distr.—Suigen; Shakuôji.

Gen. Distr.—Siberia; Corea; Japan.

Nom. Jap.—*Nakaao-futomeiga*.

16. *Macalla chosensis* sp. nov.

This new species differs from *M. amica* BUTL. in the following points:—

1. Head and thorax paler.
2. The 2nd and 3rd segments of the abdomen blackish on dorsum.
3. Fore wing with the antemedial line very oblique from middle to dorsum.
4. Hind wing wholly fuscous brown, and with a postmedial line.

♀. Palpi upturned, slender, very long, extremity of the 2nd joint and the basal half of the 3rd fringed with fairly long hair at the inner side; colour whitish, very slightly tinged with pale brown, 3rd joint fuscous brown except the base where it is whitish; at the inner side of the extremities of the 2nd and 3rd joints as well as the fringes of hair of both joints blackish except the base of the 3rd joint. Head and thorax white, the latter thickly mixed with greenish grey scales. Fore wing with the basal area dark greenish grey, bordered by a broad black antemedial line, which is oblique outwardly and reaching to one-third of the dorsum, being obscure at the costal area; middle area white, slightly scattered with fuscous scales; two black spots in and at the end of cell; costal area above the black spot dark greenish grey; a moderately dentated postmedial line, followed by a paler line on the outside, oblique outwardly from costa to vein 3, then inwardly, being excurved between vein 2 and dorsum; outer area fuscous; a terminal series of black spots; cilia fuscous, with a paler line at the base. Hind wing fuscous, with a trace of dark postmedial line; white spaces in the inner side of the line at vein 2 and above the inner margin; a series of

black spots at the termen; cilia as that of the fore wing. Abdomen white, the 1st, 2nd and 3rd joints black dorsally except the basal half of the 2nd, the rest being suffused with fuscous, except the basal halves of the 4th, 5th, the base and extremity of the 6th as well as the extremities of the rest joints.

Under surface of the both wings paler, antemedial line of the fore wing indistinct; hind wing with the basal half whitish. Pectus and legs white, the latter slightly scattered with ochraceous scales; the middle of femora and tibiae as well as the tarsi annulated with fuscous. Exp. 30 mm.

One male specimen was captured at Shakuôji in July, 1922, by Messrs. T. UCHIDA and S. TAKANO.

Loc. Distr.—Shakuôji.

Gen. Distr.—Corea.

Nom. Jap.—*Chosen-nakajiro-futomeiga*.

17. *Macalla amica* BUTL.

Locastra amica BUTLER, Ann. Mag. Nat. Hist. (5) IV, p. 447 (1879).

Macalla amica HAMPSON, Trans. Ent. Soc. Lond. p. 464 (1896).

Four male and two female specimens were collected at Shakuôji in July, 1922, by Messrs. T. UCHIDA and S. TAKANO.

Loc. Distr.—Shakuôji.

Gen. Distr.—Corea; Japan.

Nom. Jap.—*Ô-futomeiga*.

18. *Macalla albifusa* HAMPSON.

Macalla albifusa HAMPSON, Faun. Brit. Ind. Moths, IV, p. 113 (1896).

A single female example was taken at Shakuôji on the 22nd of July, 1922, by Mr. T. KURISUE.

Loc. Distr.—Shakuôji.

Gen. Distr.—India; Corea.

Nom. Jap.—*Ô-nakajiro-futomeiga*.

19. *Macalla margarita* BUTL.

Locastra margarita BUTLER, Ill. Typ. Sp. Het. B. M. III, p. 66, pl. 57, f. 4 (1879).

Locastra lativitta MOORE, Lep. Atk. p. 199, pl. 7, f. 1 (1888).

Stericta lativitta SNELLEN, Trans. Ent. Soc. Lond. p. 563 (1890).

Macalla margarita HAMPSON, Faun. Brit. Ind. Moths, IV, p. 116 (1896).

Dr. H. OKAMOTO obtained a male specimen on June 12, 1922, at Suigen.

Loc. Distr.—Suigen.

Gen. Distr.—India; Ceylon; Borneo; Corea; Japan.

Nom. Jap.—*Nakajiro-futomeiga*.

20. *Locastra muscosalis* Wlk.

Taurica muscosalis WALKER, Cat. Lep. Het. B. M. XXXIV, p. 1269 (1865).

Taurica sikkima MOORE, Lep. Atk. p. 202 (1888).

Stericta sikkima SNELLEN, Trans. Ent. Soc. Lond. p. 563 (1890).

Locastra cristalis HAMPSON, Ill. Typ. Sp. Het. B. M. IX, p. 157, pl. 172, f. 24 (1893).

Locastra muscosalis HAMPSON, Faun. Brit. Ind. Moths, IV, p. 119 (1896).

One male specimen was captured at Shakuôji on July 24, 1922, by Mr.

T. KURISUE.

Loc. Distr.—Shakuôji.

Gen. Distr.—India; Ceylon; Burma; Formosa; Corea; Japan.

Nom. Jap.—*Tosaka-futomeiga*.

21. *Stericta olivacea* WARR.

Hyperbalanotis olivacea WARREN, Ann. Mag. Nat. Hist. (6) VII, p. 433 (1891).

Orthaga olivacea HAMPSON, Trans. Ent. Soc. Lond. p. 476 (1896).

Stericta olivacea MARUMO, Journ. Coll. Agr. Tokyo, Imp. Univ. VI (4), p. 270, pl. 21, f. 11 (1920).

A pair of each sex, taken at Shakuôji on May 10, 1921, by Mr. Y. HASEGAWA (♀), and on the 23rd of July, 1922, by Messrs. T. UCHIDA and S. TAKANO, (♂).

Loc. Distr.—Shakuôji.

Gen. Distr.—China; Corea; Japan.

Nom. Jap.—*Ao-futomeiga*.

22. *Orthaga achatina* BUTL.

Glossina achatina BUTLER, Ill. Typ. Sp. Het. B. M. II, p. 56, pl. 38, f. 10 (1878).

Hyperbalanotis achatina WARREN, Ann. Mag. Nat. Hist. (6) VII, p. 433 (1891).

Orthaga achatina HAMPSON, Trans. Ent. Soc. Lond. p. 476 (1896).

Three female specimens were collected at Shakuôji in July, 1922, by Messrs.

T. UCHIDA, S. TAKANO and T. KURISUE.

Loc. Distr.—Shakuôji.

Gen. Distr.—Corea; Japan.

Nom. Jap.—*Nakatobi-futomeiga*.

PYRALINÆ

23. *Herculia placens* BUTL.

Rhodaria placens BUTLER, Ill. Typ. Sp. Het. B. M. III, p. 72, pl. 58, f. 10 (1879).

Orthopygia placens RAGONOT, Ann. Soc. Ent. Fr. p. 628 (1892).

Herculia placens HAMPSON, Trans. Ent. Soc. Lond. p. 519 (1896).

Mr. Y. HASEGAWA obtained a single male specimen at Suigen on August 10, 1921.

Loc. Distr.—Suigen.

Gen. Distr.—China; Corea; Japan.

Nom. Jap.—*Tsumaki-shimameiga*.

24. *Herculia japonica* WARR.

Hypsopygia japonica WARREN, Ann. Mag. Nat. Hist. (6) VII, p. 499 (1891).

Orthopygia japonica RAGONOT, Ann. Soc. Ent. Fr. p. 628 (1892).

Herculia japonica HAMPSON, Trans. Ent. Soc. Lond. p. 519 (1896).

Two female specimens were obtained at Suigen on July 13, 1922, by Messrs. T. UCHIDA and S. TAKANO. I have one more male specimen which was taken at Tsudôji on the 25th of July, 1922, by Mr. Y. HASEGAWA.

Loc. Distr.—Suigen; Tsudôji.

Gen. Distr.—N.-China; Corea; Japan.

Nom. Jap.—*Usutobi-shimameiga*.

25. *Sybrida approximans* LEECH

Datanoides approximans LEECH, Proc. Zool. Soc. Lond. p. 636, pl. 32, f. 4 (1888).

Sacada approximans LEECH, Trans. Ent. Soc. Lond. p. 429 (1901).

I have a numerous specimens of this species, obtained by Messrs. T. UCHIDA, S. TAKANO and Y. HASEGAWA in June and July, 1922, at Shakuôji and Hakuyôsan.

Loc. Distr.—Shakuôji; Hakuyôsan.

Gen. Distr.—*Kushihige-shimameiga*.

26. *Trebania flavifrontalis* LEECH

Propachys flavifrontalis LEECH, Entom. XXII, p. 108, pl. V, f. 6 (1889).

Trebania flavifrontalis RAGONOT, Ann. Soc. Ent. Fr. p. 646 (1892).

A single male specimen was collected at Shakuôji on August 9, 1921, by Mr. Y. HASEGAWA.

Loc. Distr.—Shakuôji.
 Gen. Distr.—China; Korea; Japan.
 Nom. Jap.—*Kigashira-shimameiga*.

HYDROCAMPINÆ

27. *Nymphula sinicalis* HMPSN.

Nymphula sinicalis HAMPSON, Trans. Ent. Soc. Lond. p. 141 (1897).

Dr. H. OKAMOTO obtained a single male specimen at Suigen on the 8th of June, 1922.

Loc. Distr.—Suigen.
 Gen. Distr.—China; Korea.
 Nom. Jap.—*Chosen-mizumeiga*.

28. *Nymphula bifurcalis* WLMN.

Parthenodes bifurcalis WILEMAN, Trans. Ent. Soc. Lond. p. 373, pl. 31, f. 23 (1911).

One male specimen was taken at Shakuôji on July 23, 1922, by Messrs. T. UCHIDA and S. TAKANO.

Loc. Distr.—Shakuôji.
 Gen. Distr.—Korea; Japan.
 Nom. Jap.—*Zenigasa-mizumeiga*.

29. *Nymphula ussuriensis* REBEL

Nymphula ussuriensis REBEL, Deut. Ent. Zeit. Iris, XXIV, p. 6, pl. 1, f. 7 (1910).

Nymphula munakatae MATSUMURA, Ôyo-konchugaku*, p. 548 (1917).

A pair of each sex, the female specimen was taken at Jinsen on August 28, 1920, by Mr. S. HIRAYAMA, and the male, in July, 1922, at Shakuôji by Messrs. UCHIDA and S. TAKANO.

Loc. Distr.—Jinsen; Shakuôji.
 Gen. Distr.—E.-Siberia; Korea; Japan.
 Nom. Jap.—*Munakata-mizumeiga*.

30. *Symphonia trivitalis* WARR.

Bocchoris trivitalis WARREN, Ann. Mag. Nat. Hist. (6) XVI, p. 302 (1895).

Synclera fenestralis WARREN, l. c. (6) XVII, p. 105 (1896).

Mr. S. HIRAYAMA obtained a single male specimen in June, 1921, at Heijô.

*Applied Entomology, Tokyo, 1917.

Loc. Distr.—Heijō.

Gen. Distr.—India; Ceylon; Corea.

Nom. Jap.—*Amime-mizumeiga*.

31. *Eurrhpara urticata* LINN.

Phalaena (Geometra) urticata LINNAEI, Faun. Suec. p. p. 340 (1761).

Pyralis urticalis SCHIFFERMÜLLER & DENIS, Syst. Schmett. Wien, p. 121 (1775).

Eurrhpara urticalis HÜBNER, Verz. Schmett. p. 360 (1826).

Eurrhpara urticata LEDERER, Wien, Ent. Mon. VII, p. 364 (1863).

One female specimen was taken at Shakuōji on the 13th of June, 1923, by Mr. T. KURISUE.

Loc. Distr.—Shakuōji.

Gen. Distr.—Europe; China; Corea; Saghalien.

Nom. Jap.—*Irakusa-mizumeiga*.

PYRAUSTINÆ

32. *Rehimena phrynealis* Wlk.

Botys phrynealis WALKER, Cat. Lep. Het. B. M. XVIII, p. 630 (1859).

Botys haliusalis WALKER, l. c. p. 695 (1859).

Rehimena dichromalis WALKER, l. c. XXXIV, p. 1492 (1865).

Botys infundibularis SNELLEN, Veth. Mid.-Sumatr. IV (1), p. 64, pl. V, f. 5 (1880).

Rehimena phrynealis MOORE, Lep. Ceyl. III, p. 290, pl. 181, f. 5 (1885).

Mr. Y. HASEGAWA collected a female specimen on the 25th of June, 1922, at Hakuyōsan.

Loc. Distr.—Hakuyōsan.

Gen. Distr.—India; Borneo; Ceylon; W.-China; Corea.

Nom. Jap.—*Chosen-kimon-nomeiga*.

33. *Bocchoris telphusalis* Wlk.

Glyphodes ? telphusalis WALKER, Cat. Lep. Het. B. M. XIX, p. 974 (1859).

Glyphodes uncinalis PAGENSTECHER, J. B. Nass. Ver. Natur. XXXVII, p. 273, pl. 7, f. 6 (1884).

Heterocnephes reniferalis SNELLEN, Trans. Ent. Soc. Lond. p. 616 (1890).

Bocchoris telphusalis HAMPSON, Faun. Brit. Ind. Moths, IV, p. 284 (1896).

One male specimen, taken at Hakuyōsan on July 3, 1922, by Mr. Y. HASEGAWA.

Loc. Distr.—Hakuyōsan.

Gen. Distr.—India; Borneo; China; Corea; Japan.

Nom. Jap.—*Ô-shiromon-nomeiga*.

34. *Nacoleia maculalis* SOUTH

Nacoleia maculalis SOUTH, Trant. Ent. Soc. Lond. p. 462, pl. XIV, f. 7 (1901).

A single female specimen was taken at Suigen on the 19th of June, 1923, by Dr. H. OKAMOTO.

Loc. Distr.—Suigen.

Gen. Distr.—China; Corea; Japan.

Nom. Jap.—*Kurofu-ki-nomeiga*.

35. *Hedylepta indicata* FABR.

Phalaena indicata FABRICIUS, Syst. Ent. p. 640 (1775).

Asopia vulgaris GUENÉE, Delt. et Pyr. 202, pl. 6, f. 8 (1854).

Botys sabalis WALKER, Cat. Lep. Het. B. M. XVIII, p. 631 (1959).

Botys moeliusalis WALKER, l. c. p. 703 (1859).

Hedylepta vulgaris LEDERER, Wien, Ent. Mon. VII, p. 409 (1863).

Botys connexalis WALKER, l. c. XXXIV, p. 1394 (1865).

Botys reductalis WALKER, l. c. p. 1412 (1865).

Nacoleia vulgaris HAMPSON, Faun. Brit. Ind. Moths, IV, p. 315 (1896).

Nacoleia indicata HAMPSON, Proc. Zool. Soc. Lond. p. 699 (1898).

Mr. S. HIRAYAMA collected a female specimen from this country in August, 1921, but the exact locality is unknown.

Gen. Distr.—Africa; India; Ceylon; Borneo; Jamaica; C.-America; Singapore; China; Corea; Japan.

Nom. Jap.—*Mayesus-ki-nomeiga*.

36. *Margaronia pyloalis* Wlk.

Glyphodes pyloalis WALKER, Cat. Lep. Het. B. M. XIX, p. 973 (1859).

Margaronia pyloalis SWINHOE, Cat. Het. Mus. Oxf. II, p. 510 (1900).

Glyphodes sylpharis BUTLER, Ill. Typ. Sp. Het. B. M. II, p. 57, pl. 39, f. 2 (1878).

A single male specimen was obtained at Suigen on July 13, 1922, by Dr. H. OKAMOTO,

Loc. Distr.—Suigen.

Gen. Distr.—India; Burma; Ceylon; China; Corea; Japan.

Nom. Jap.—*Kuwa-nomeiga*.

37. *Margaronia bipunctalis* LEECH

Glyphodes bipunctalis LEECH, Entom. XXII, p. 70, pl. III, f. 2 (1889).

There is one Korean specimen of this species in the collection of the British Museum, which was taken in Quelpart Island by M. ICHIKAWA, but its date of capture is unknown.

Loc. Distr.—Quelpart Island.

Gen. Distr.—Corea; Japan.

Nom. Jap.—*Futahoshi-nomeiga*.

38. *Omphisa plagialis* WLMN.

Pionea ? plagialis WILEMAN, Trans. Ent. Soc. Lond. p. 378, pl. XXXI, f. 10 (1911).

Omphisa albalis CARADJA, Acad. Roman. Mem. Sect. Stiint. III (3), mem. 7, p. 355, pl. II, f. 53 (1925).

I have a single male specimen taken at Suigen on the 17th of June, 1923, by Dr. H. OKAMOTO.

Loc. Distr.—Suigen.

Gen. Distr.—China; Corea; Japan.

Nom. Jap.—*Azusa-nomeiga*.

39. *Isocentris contubernalis* MOOR.

Hedylepta contubernalis MOORE, Lep. Atk. p. 208 (1888).

Dr. H. OKAMOTO obtained a single female specimen on September 3, 1921, at Suigen.

Loc. Distr.—Suigen.

Gen. Distr.—India; Corea.

Nom. Jap.—*Shiroheri-ki-nomeiga*.

This species differs from *I. opheltisalis* WLK. in the following points:

1. Both wings narrower.
2. Fore wing with a small black spot in the cell.
3. Both wings partly suffused with fuscous.

40. *Loxostege aeruginalis* HBN.

Pyralis aeruginalis HÜBNER, Smml. Eur. Schmett. Pyr. p. 26, pl. 20, f. 133 (1796).

Pyralis olivalis HÜBNER Smml. Eur. Schmett. Pyr. pl. 25, f. 162 (1803-1818).

Loxostege aeruginalis HÜBNER, Verz. Schmett. p. 352 (1826).

Loxostege olivalis HÜBNER, Verz. Schmett. p. 352 (1826).

Botys aeruginalis TREITSCHKE, Schmett. Eur. VII, p. 121 (1829).

Spilodes aeruginalis GUENÉE, Delt. et Pyr. p. 382 (1854).

Phlyctaenodes aeruginalis HAMPSON, Proc. Zool. Soc. Lond. p. 209 (1899).

One male specimen, taken at Suigen on August 12, 1921, by Dr. H.

OKAMOTO.

Loc. Distr.—Suigen.

Gen. Distr.—Europe; Korea.

Nom. Jap.—*Kurofu-shiro-nomeiga*.

41. *Uresphita prunipennis* BUTL.

Mecyna prunipennis BUTLER, Ann. Mag. Nat. Hist. (5) IV, p. 454 (1879).

I have one female specimen taken at Shôrinri on the 29th of August, 1920, by Mr. S. HIRAYAMA. Another female specimen is in my hand, which was obtained at Suigen on June 20, 1922, by Dr. H. OKAMOTO.

Loc. Distr.—Shôrinri; Suigen.

Gen. Distr.—Korea; Japan.

Nom. Jap.—*Usubeni-ô-nomeiga*.

42. *Udea puralis* SOUTH

Pionea puralis SOUTH, Trans. Ent. Soc. Lond. p. 493, pl. XV, f. 16 (1901).

Mr. HASEGAWA collected a single female specimen on July 25, 1922, at Tsudôji.

Loc. Distr.—Tsudôji.

Gen. Distr.—China; Korea.

Nom. Jap.—*Usuki-nomeiga*.

43. *Udea fentoni* BUTL.

Pseudebulea fentoni BUTLER, Trans. Ent. Soc. Lond. p. 587 (1881).

Pionea fentoni HAMPSON, Faun. Brit. Ind. Moths, IV, p. 425 (1896).

We have in this Museum two male specimens of this species, one was collected at Shakuôji on July 23, 1922, by Messrs. T. UCHIDA and S. TAKANO, and the other one at Gesseiji by Mr. T. KURISUE on the 8th of July, 1923.

Loc. Distr.—Shakuôji; Gesseiji.

Gen. Distr.—India; China; Korea; Japan.

Nom. Jap.—*Monsukashi-ki-nomeiga*.

44. *Pyrausta moderatalis* CHRIST.

Botys moderatalis CHRISTOPH, Bull. Soc. Nat. Mosc. LVI (1), p. 25 (1881).

Pyrausta moderatalis HAMPSON, Proc. Zool. Soc. Lond. p. 257 (1899).

A single male specimen was obtained at Shakuôji on the 10th of August, 1921, by Mr. Y. HASEGAWA.

Loc. Distr.—Shakuôji.

Gen. Distr.—Amur; China; Corea.

Nom. Jap.—*Kurofuta-nomeiga*.

摘 要

新種並びに末記録の朝鮮産螟蛾

著者は本研究中に二新種、一新變種及び四一の末記録種を擧げて居るから既知の一〇九種、一變種を加へて一五二種、二變種の螟蛾が朝鮮から産してゐる事になる。尙今後の研究に依つて幾多の末記録種乃至新種の發見せらるべきを信ずる。

和名は何れも本文中に擧げて置いたが多くの新稱である。

ZWEI NEUE ARTEN VON *ACOPTOLABRUS* (COLEOPT.)

VON

TOICHI UCHIDA und KOICHI TAMANUKI

(Hiermit 2 Figuren)

Seit einige Jahre unter der Anleitung des Herrn Prof. Dr. S. MATUMURA haben wir die systematische Bearbeitung über die Japanischen *Damaster*- und *Coptolabrus*-Gruppen gemacht, welche im entomologischen Institut der Hokkaido Kaiserlichen Universität, in Sapporo aufbewahrt sind; und da wir in dieser Arbeit zwei neue *Acoptolabrus*-Arten gefunden haben, von denen eine Art aus Hokkaido und eine andere aus Formosa gesammelt wurden, wollen wir diese in dieser